

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073125.D
 Acq On : 25 Jun 2022 21:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:48:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	287251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	496249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	448118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199426	51.351	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.700%			
35) Dibromofluoromethane	7.951	113	159246	51.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	10.380	98	574817	50.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.668	95	222363	54.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	131460	48.066	ug/l	100
3) Chloromethane	2.263	50	124120	42.307	ug/l	99
4) Vinyl Chloride	2.404	62	113062	46.096	ug/l	96
5) Bromomethane	2.781	94	37380	38.715	ug/l	95
6) Chloroethane	2.951	64	74300	48.420	ug/l	97
7) Trichlorofluoromethane	3.304	101	198831	49.780	ug/l	98
8) Diethyl Ether	3.763	74	102467	49.708	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	138161	50.041	ug/l	99
10) Methyl Iodide	4.351	142	137498	43.448	ug/l	96
11) Tert butyl alcohol	5.298	59	283218	282.322	ug/l	99
12) 1,1-Dichloroethene	4.110	96	131224	47.714	ug/l	98
13) Acrolein	3.981	56	62830	159.026	ug/l	96
14) Allyl chloride	4.757	41	282522	48.082	ug/l #	91
15) Acrylonitrile	5.475	53	625100	270.310	ug/l	100
16) Acetone	4.222	43	579271	271.351	ug/l	94
17) Carbon Disulfide	4.451	76	260647	36.990	ug/l	99
18) Methyl Acetate	4.775	43	305768	53.787	ug/l	91
19) Methyl tert-butyl Ether	5.539	73	567050	54.900	ug/l	98
20) Methylene Chloride	5.010	84	164274	49.609	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	137037	45.808	ug/l	97
22) Diisopropyl ether	6.416	45	598823	54.668	ug/l	96
23) Vinyl Acetate	6.351	43	2688185	265.850	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	295628	51.478	ug/l	99
25) 2-Butanone	7.263	43	936940	276.584	ug/l	92
26) 2,2-Dichloropropane	7.245	77	167911	35.050	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	179992	50.360	ug/l	99
28) Bromochloromethane	7.586	49	121138	51.004	ug/l	89
29) Tetrahydrofuran	7.610	42	607180	271.426	ug/l	89
30) Chloroform	7.745	83	307790	52.942	ug/l	99
31) Cyclohexane	8.022	56	231113	43.994	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	266651	52.266	ug/l	98
36) 1,1-Dichloropropene	8.151	75	204667	49.313	ug/l	98
37) Ethyl Acetate	7.339	43	349060	52.581	ug/l	96
38) Carbon Tetrachloride	8.139	117	222848	51.047	ug/l	98
39) Methylcyclohexane	9.392	83	235373	47.050	ug/l	91
40) Benzene	8.392	78	656670	50.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	175576	55.773	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	250999	54.178	ug/l	98
43) Isopropyl Acetate	8.492	43	525355	55.361	ug/l	94
44) Trichloroethene	9.151	130	164734	49.837	ug/l	95
45) 1,2-Dichloropropane	9.427	63	175221	52.554	ug/l	100
46) Dibromomethane	9.510	93	118530	52.577	ug/l	95
47) Bromodichloromethane	9.698	83	244722	54.621	ug/l	97
48) Methyl methacrylate	9.498	41	233000	53.778	ug/l	90
49) 1,4-Dioxane	9.504	88	103515	1061.853	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1752601	283.219	ug/l	92
52) Toluene	10.439	92	410128	51.214	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	257505	53.442	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	269845	51.271	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	181242	51.545	ug/l	99
56) Ethyl methacrylate	10.698	69	313932	55.703	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	306311	52.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	680362	273.436	ug/l	97
59) 2-Hexanone	11.021	43	1372709	286.806	ug/l	90
60) Dibromochloromethane	11.174	129	188239	56.646	ug/l	100
61) 1,2-Dibromoethane	11.286	107	186767	53.879	ug/l	100
64) Tetrachloroethene	10.910	164	143603	52.677	ug/l	95
65) Chlorobenzene	11.710	112	451074	51.542	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	174304	52.329	ug/l	99
67) Ethyl Benzene	11.780	91	813259	52.789	ug/l	100
68) m/p-Xylenes	11.892	106	620236	102.647	ug/l	96
69) o-Xylene	12.215	106	319188	52.865	ug/l	98
70) Styrene	12.233	104	526905	54.342	ug/l	99
71) Bromoform	12.398	173	140552	55.963	ug/l #	99
73) Isopropylbenzene	12.515	105	827634	51.389	ug/l	99
74) N-amyl acetate	12.327	43	434955	52.043	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	288449	49.731	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	246662m	48.870	ug/l	
77) Bromobenzene	12.798	156	191992	49.761	ug/l	89
78) n-propylbenzene	12.857	91	933110	52.674	ug/l	99
79) 2-Chlorotoluene	12.945	91	575570	50.174	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	683719	51.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	84163	45.033	ug/l	93
82) 4-Chlorotoluene	13.045	91	559056	51.510	ug/l	97
83) tert-Butylbenzene	13.262	119	623493	51.461	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	678770	51.514	ug/l	98
85) sec-Butylbenzene	13.439	105	849926	52.587	ug/l	98
86) p-Isopropyltoluene	13.551	119	687063	52.506	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	346675	50.328	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	345543	49.563	ug/l	99
89) n-Butylbenzene	13.880	91	568433	53.200	ug/l	99
90) Hexachloroethane	14.145	117	131509	53.310	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	360137	50.133	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	74646	51.036	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	198614	49.959	ug/l	98
94) Hexachlorobutadiene	15.298	225	83525	48.280	ug/l	98
95) Naphthalene	15.433	128	790611	49.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	202453	47.689	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

